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AN 124:93886 CA  
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TI Inorganic compositions and method for forming a heat-resistant  
anticorrosive coating, especially on steel  
IN Lee, Chwen-Chern; Lee, Show-Wei  
PA Taiwan  
SO Brit. UK Pat. Appl., 38 pp.  
CODEN: BAXXDU  
DT Patent  
LA English  
IC ICM C09D005-08  
CC 55-6 (Ferrous Metals and Alloys)  
Section cross-reference(s): 42, 58  
FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2286977	A1	19950906	GB 1994-3510	19940224
PRAI	GB 1994-3510		19940224		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	GB 2286977	ICM	C09D005-08
	GB 2286977	ECLA	C04B028/26; C04B035/44; C04B035/63B2; C04B035/63B4
AB	The compns. comprise a curable powder containing a <u>hydraulic Ca aluminate</u> compound, $\geq 1$ reinforcing oxides, and a binder solution containing an <u>alkali-metal silicate</u> and a phosphate. Addnl. the compns. may contain a pigment. A composition containing Ca aluminate (formed from Al <sub>2</sub> O <sub>3</sub> 100, limestone 43, clay 2, and Fe <sub>2</sub> O <sub>3</sub> 0.2 weight parts and containing Al <sub>2</sub> O <sub>3</sub> 79.4, CaO 18.8, SiO <sub>2</sub> 1.4, and Fe <sub>2</sub> O <sub>3</sub> 0.20 weight%) 100, MgO 10, Al <sub>2</sub> O <sub>3</sub> 5, and other minor oxide 1 weight parts, and a suitable amount of pigment, was prepared		
ST	heat resistant anticorrosive inorg coating steel; pigment hydraulic <u>calcium aluminate</u> coating; binder alumina magnesia oxide coating; <u>alkali metal silicate</u> binder coating		
IT	Binding materials ( <u>alkali metal silicate</u> solution; inorg. compns. and method for forming a hydraulic Ca aluminate-, binder-, pigment-, and reinforcing oxide-containing heat-resistant anticorrosive coating on steel)		
IT	Spinel-group minerals		